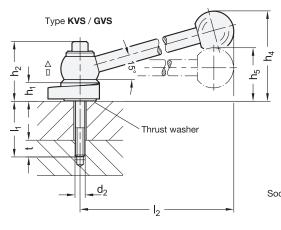
## GN 918.1 Steel

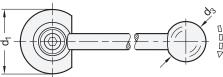


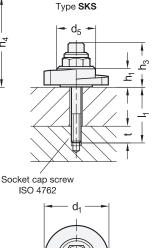
# Clamping Bolts

Upward Clamping, Screw from the Operator's Side









	3	
1		

Rost frei Stainless Steel

Туре

 KVS With ball lever, angular (serration)
GVS With ball lever, straight (serration)
SKS With hex

#### Clamping direction

R By clockwise rotation (drawn version)

L By anti-clockwise rotation

### **V**

Specification

thrust washer

Case-hardened

GN 918.1 Steel

Lever

Blackened

Stainless steel

GN 918.6

<b>d</b> <sub>1</sub> -0,5	l <sub>1</sub>								d <sub>2</sub>	d <sub>3</sub>	<b>d</b> <sub>5</sub>	d <sub>6</sub>	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h₄ ≈	$h_5$	h <sub>7</sub> ≈	I₂ ≈	A/F
40	10*	15	20	25	30	35**	40	45*	M 6	25	24	20	10,3	36	26	55	31	0,2	100	15
40	50	55**	60	65*	70	75**	80	90	M 6	25	24	20	10,3	36	26	55	31	0,2	100	15
50	12	22	32	42	52	62	72	82	M 8	30	28	24	12,3	41	31	62	36	0,2	116	19
50	92	102	112	-	-	-	-	-	M 8	30	28	24	12,3	41	31	62	36	0,2	116	19

\* only type KVS and GVS \*\* only type SKS

2.2

2.1

# 2.3

2.4

G

1

AISI 630, tempered • Socket cap screw ISO 4762-A2-70 • Lever

Clamping bolt / guide bushing /

Socket cap screw ISO 4762-12.9

AISI 303, chemically nickel plated

· Guide bushing / thrust washer

AISI 303, matt shot-blasted Blackened

#### Ball knob DIN 319

Plastic, phenolic resin (PF) Black, shiny finish

#### RoHS

Technical Information	Page
Technical instructions	QVX
Strength Values of Screws	QVX
Plastic Characteristics	QVX

Clamping bolts GN 918.1 / GN 918.6 have a circumferential wedge surface. They allow for rapid and secure clamping and releasing with a relatively large clamping range and with high clamping force. Owing to the small pitch angle (wedge angle), the clamping bolt is self-locking.

Δ/Ε

Fastening via screw from the operator's side bridges a greater clamping range. A sufficiently large screw-in depth t is necessary to safely absorb the screw forces.

The ball levers of types KVS / GVS form a positive connection with the eccentric cam by means of a serration. During assembly, the lever can thus be fixed in a position favorable for clamping or, in the relaxed position, rotated out of the clamping range.

see also	Page
GN 918.1 Clamping Bolts (with Threaded Bolt)	QVX
GN 918.1 Clamping Bolts (Screw from the Back)	QVX

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	2	Туре
	3	Clamping direction
GN 918.1-50-GVS-R-52	4	l <sub>1</sub>
How to order (Stainless steel)	1	d <sub>1</sub>
	1 2	d <sub>1</sub> Type
How to order (Stainless steel)	1 2 3	=1